

SSM-P202CP

微差压变送器/Micro differential pressure transmitter

- 差压量程/Range : $\pm 100\text{pa} \sim \pm 10\text{kpa}$
- 高性能扩散硅芯体/High performance diffused silicon core
- 紧凑型设计/Compact design
- 多种输出信号可选/ Multiple output signals optional
- 多种电气连接方式/Multiple electrical connections
- 长期稳定性好/Superior long term stability
- 抗干扰能力强/Strong antiinterference ability



技术规格/Technique parameter

产品性能/Product Performance

长期漂移/Long-Term Stability	$\pm 0.2\% \text{FS/year}$ (不累计/Not cumulative)
精度/Accuracy	$\pm 1.0\% \text{FS}$; $\pm 0.5\% \text{FS}$
温度影响/Temp.Effect	$1.5\% \text{FS}/100^\circ\text{C}$
压力单位/Pressure unit	Pa, mm H ₂ O, mbar,, mm HG, KPa, h Pa
工作温度/Working Temp.	$-20^\circ\text{C} \sim 60^\circ\text{C}$
零点允差/Zero Error	$\pm 1\% \text{FS}$
满程允差/Span Error	$\pm 1\% \text{FS}$
功耗/Power waste	$\leq 1.5\text{W}$
响应时间/Response Time	0.5s, 1s, 2s, 4s
疲劳寿命/Fatigue Life	设计超过1亿次/More than 100 million designs

物理特征/Physical Characteristics

安装接口/Pressure Interface	宝塔嘴/Pagoda mouth $\varnothing 6.2 \text{ mm}$
外壳材质/Shell material	工业塑料/Industrial plastics
电气接口/Electrical Interface	格兰头/Glan lead 电缆直径/Cable diameter $\leq \varnothing 8 \text{ mm}$
外壳防护/Shell Protection	IP54
抗冲击/Shock	EC 68-2-32 procedure I
抗振动/Vibration	40g, 20-2000Hz
重量/Weight	约166克/About 166g

环境数据/Environmental Data

认证/Authentication	CE、RoHS
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特有技术规格/Specific technical specifications

电压输出/Voltage Output

输出 (3线) /Output (3-wire)	最小0V至最大10V/Min 0V to max 10V
供电电压/Power Supply	16-30Vac/Vdc

电流输出/Current Output

输出 (2线) /Output (2-wire)	4-20mA (2线) /2-wire
供电电压/Power Supply	10-30Vdc

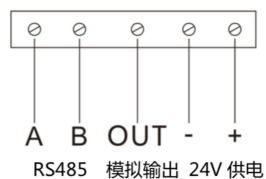
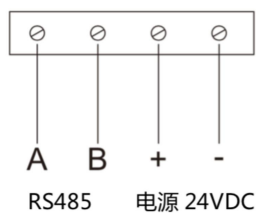
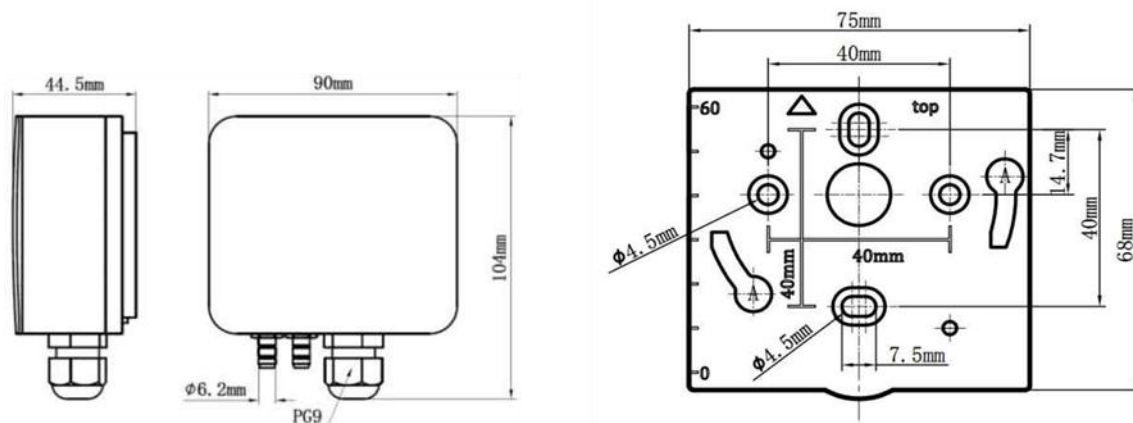
数字输出/Digital Output

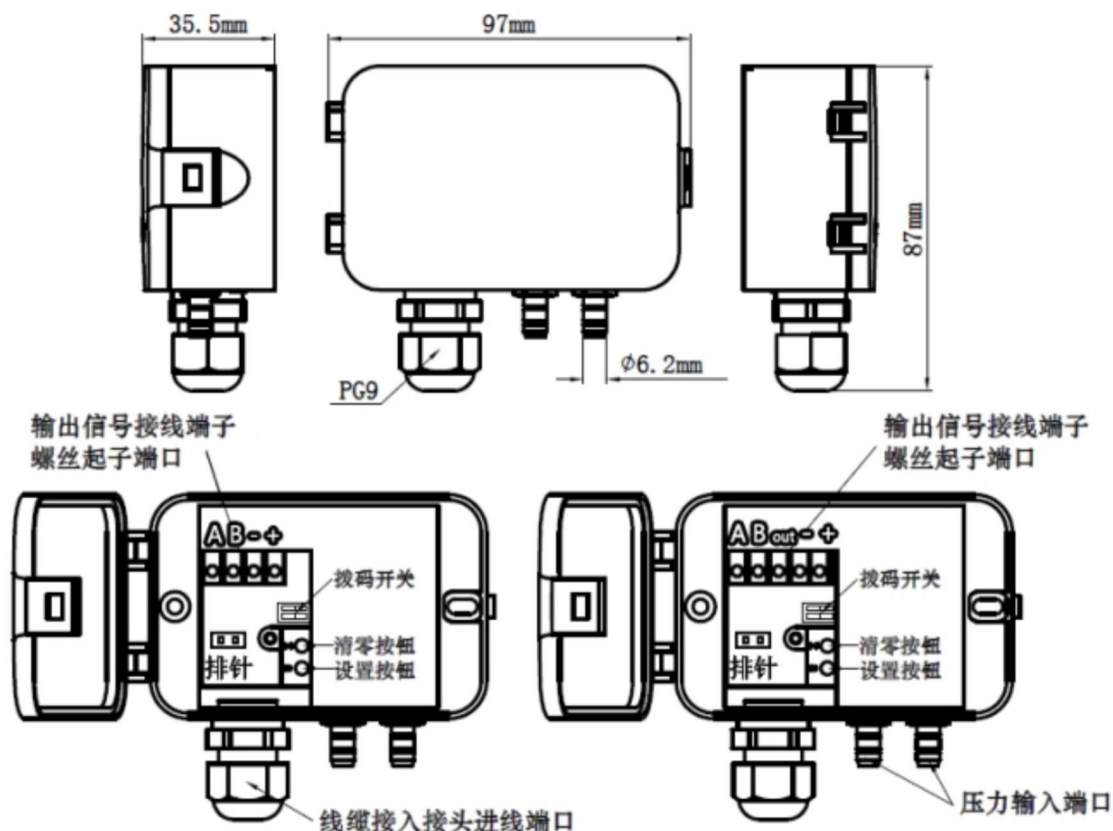
输出 (4线) /Output (4-wire)	Modbus-RTU/RS485 (4线) /4-wire
供电电压/Power Supply	12-30Vac/Vdc

压力特性/Pressure feature

压力范围/Range pa	耐压/Proof Pressure	破裂压/Burst Pressure
	SSM-P202CP	SSM-P202CP
-100~100Pa	4.5Kpa	9Kpa
-1000~1000Pa	15Kpa	30Kpa
-10000~10000Pa	150Kpa	300Kpa

外型尺寸/External dimensions





型号表示: SSM-P202CP-①②③④

系列号 Series	①差压范围 Range	②安装接口 Process connection	③输出信号 Output	④精度 Accuracy	参数描述 Parameter description
SSM-P202CP	范围/Range Pa K mB				压力数值/Pressure value Pa KPa mbar
		XX *			φ6mm宝塔嘴/Pagoda mouth 其他规格/Other *
			4A 4AX 5C 5CX 10V		4-20mA两线制/2-wire 4-20mA+LCD显示/With Display Modbus-RTU/RS485 RS485带显示/With Display 0-10V三线制/3-wire
				5	±1%FS ±0.5%FS

注意事项/Attention:

1、带 "*" 号请联系技术人员

With "*", please contact the technician